

**USING EXCESS LEVELS OF METAL SALTS TO IMPROVE
PROPERTIES WHEN INCORPORATING POLYMERS IN ASPHALT**

Abstract of the Disclosure

5 In methods of preparing asphalt and elastomeric polymer compositions such as polymer modified asphalt (PMA), it has been discovered that the compatibility can be improved by adding excess amounts of certain organic and inorganic metal salts beyond the proportions normally used. Suitable metal salts may be metal oxides that include, but are not necessarily limited to, zinc oxide, calcium oxide, and the like. The method of the invention also permits asphalt modified with other polymers such as ground tire rubber (GTR) to have improved compatibility. Additionally, the use of excess amounts of these metal salts helps control 10 gel formation.